



Flow Chart for 120" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.31	3.9075	6.0458	2,713.5
0.32	4.1111	6.3609	2,855.0
0.33	4.3186	6.6819	2,999.0
0.34	4.5299	7.0088	3,145.8
0.35	4.7449	7.3415	3,295.1
0.36	4.9637	7.6800	3,447.0
0.37	5.1861	8.0241	3,601.5
0.38	5.4122	8.3739	3,758.5
0.39	5.6419	8.7293	3,918.0
0.40	5.8751	9.0902	4,079.9
0.41	6.1119	9.4565	4,244.4
0.42	6.3521	9.8282	4,411.2
0.43	6.5959	10.205	4,580.4
0.44	6.8430	10.588	4,752.1
0.45	7.0935	10.975	4,926.0
0.46	7.3474	11.368	5,102.4
0.47	7.6046	11.766	5,281.0
0.48	7.8652	12.169	5,461.9
0.49	8.1290	12.577	5,645.1
0.50	8.3960	12.991	5,830.6
0.51	8.6663	13.409	6,018.3
0.52	8.9398	13.832	6,208.2
0.53	9.2164	14.260	6,400.3
0.54	9.4962	14.693	6,594.6
0.55	9.7792	15.131	6,791.1
0.56	10.0652	15.573	6,989.7
0.57	10.3543	16.020	7,190.5
0.58	10.6465	16.473	7,393.4
0.59	10.9417	16.929	7,598.4
0.60	11.2399	17.391	7,805.5
0.61	11.5411	17.857	8,014.7
0.62	11.8454	18.327	8,225.9
0.63	12.1525	18.803	8,439.2
0.64	12.4626	19.283	8,654.6
0.65	12.7756	19.767	8,872.0
0.66	13.0916	20.256	9,091.4
0.67	13.4104	20.749	9,312.8
0.68	13.7321	21.247	9,536.1
0.69	14.0566	21.749	9,761.5
0.70	14.3839	22.255	9,988.8

Head (feet)	MGD	CFS	GPM
0.71	14.7141	22.766	10,218.1
0.72	15.0471	23.281	10,449.4
0.73	15.3829	23.801	10,682.6
0.74	15.721	24.325	10,917.7
0.75	16.063	24.853	11,154.7
0.76	16.407	25.385	11,393.6
0.77	16.754	25.922	11,634.4
0.78	17.103	26.462	11,877.1
0.79	17.455	27.007	12,121.7
0.80	17.810	27.556	12,368.1
0.81	18.168	28.109	12,616.4
0.82	18.528	28.667	12,866.5
0.83	18.891	29.228	13,118.5
0.84	19.256	29.794	13,372.3
0.85	19.624	30.363	13,627.9
0.86	19.995	30.937	13,885.3
0.87	20.368	31.514	14,144.6
0.88	20.744	32.096	14,405.6
0.89	21.122	32.681	14,668.4
0.90	21.504	33.271	14,933.0
0.91	21.887	33.864	15,199.3
0.92	22.273	34.462	15,467.5
0.93	22.662	35.063	15,737
0.94	23.053	35.668	16,009
0.95	23.447	36.277	16,282
0.96	23.843	36.890	16,557
0.97	24.241	37.507	16,834
0.98	24.642	38.127	17,113
0.99	25.046	38.752	17,393
1.00	25.452	39.380	17,675
1.01	25.860	40.012	17,959
1.02	26.271	40.648	18,244
1.03	26.685	41.287	18,531
1.04	27.100	41.930	18,820
1.05	27.518	42.577	19,110
1.06	27.939	43.228	19,402
1.07	28.362	43.882	19,696
1.08	28.787	44.540	19,991
1.09	29.215	45.202	20,288
1.10	29.645	45.867	20,587



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1.11	30.077	46.536	20,887
1.12	30.512	47.209	21,189
1.13	30.949	47.885	21,492
1.14	31.388	48.565	21,797
1.15	31.830	49.248	22,104
1.16	32.274	49.935	22,413
1.17	32.720	50.626	22,722
1.18	33.169	51.320	23,034
1.19	33.620	52.018	23,347
1.20	34.073	52.719	23,662
1.21	34.529	53.423	23,978
1.22	34.986	54.132	24,296
1.23	35.446	54.843	24,615
1.24	35.908	55.558	24,936
1.25	36.373	56.277	25,259
1.26	36.840	56.999	25,583
1.27	37.308	57.725	25,909
1.28	37.780	58.454	26,236
1.29	38.253	59.186	26,565
1.30	38.728	59.922	26,895
1.31	39.206	60.661	27,227
1.32	39.686	61.404	27,560
1.33	40.168	62.150	27,895
1.34	40.653	62.899	28,231
1.35	41.139	63.652	28,569
1.36	41.628	64.408	28,908
1.37	42.119	65.167	29,249
1.38	42.612	65.930	29,591
1.39	43.107	66.696	29,935
1.40	43.604	67.465	30,281
1.41	44.103	68.238	30,627
1.42	44.605	69.014	30,976
1.43	45.109	69.793	31,325
1.44	45.614	70.576	31,677
1.45	46.122	71.362	32,029
1.46	46.632	72.151	32,383
1.47	47.144	72.943	32,739
1.48	47.658	73.739	33,096
1.49	48.175	74.537	33,455
1.50	48.693	75.339	33,815

1.51	49.214	76.145	34,176
1.52	49.736	76.953	34,539
1.53	50.261	77.765	34,903
1.54	50.787	78.579	35,269
1.55	51.316	79.397	35,636
1.56	51.847	80.219	36,005
1.57	52.379	81.043	36,375
1.58	52.914	81.870	36,746
1.59	53.451	82.701	37,119
1.60	53.990	83.535	37,493
1.61	54.531	84.372	37,869
1.62	55.074	85.212	38,246
1.63	55.619	86.055	38,624
1.64	56.166	86.901	39,004
1.65	56.715	87.751	39,385
1.66	57.266	88.603	39,768
1.67	57.819	89.459	40,152
1.68	58.374	90.317	40,537
1.69	58.930	91.179	40,924
1.70	59.489	92.044	41,312
1.71	60.050	92.912	41,702
1.72	60.613	93.782	42,092
1.73	61.178	94.656	42,485
1.74	61.745	95.533	42,878
1.75	62.314	96.413	43,273
1.76	62.884	97.296	43,670
1.77	63.457	98.182	44,067
1.78	64.031	99.071	44,466
1.79	64.608	99.963	44,867
1.80	65.186	100.858	45,268
1.81	65.767	101.76	45,671
1.82	66.349	102.66	46,076
1.83	66.933	103.56	46,482
1.84	67.520	104.47	46,889
1.85	68.108	105.38	47,297
1.86	68.698	106.29	47,707
1.87	69.290	107.21	48,118
1.88	69.883	108.13	48,530
1.89	70.479	109.05	48,944
1.90	71.077	109.97	49,359



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1.91	71.676	110.90	49,775
1.92	72.278	111.83	50,193
1.93	72.881	112.76	50,612
1.94	73.486	113.70	51,032
1.95	74.093	114.64	51,453
1.96	74.702	115.58	51,876
1.97	75.313	116.53	52,300
1.98	75.925	117.47	52,726
1.99	76.540	118.42	53,152
2.00	77.156	119.38	53,580
2.01	77.774	120.33	54,010
2.02	78.394	121.29	54,440
2.03	79.016	122.26	54,872
2.04	79.640	123.22	55,305
2.05	80.265	124.19	55,740
2.06	80.893	125.16	56,175
2.07	81.522	126.13	56,612
2.08	82.153	127.11	57,051
2.09	82.786	128.09	57,490
2.10	83.420	129.07	57,931
2.11	84.057	130.06	58,373
2.12	84.695	131.04	58,816
2.13	85.335	132.03	59,261
2.14	85.977	133.03	59,706
2.15	86.621	134.02	60,153
2.16	87.266	135.02	60,602
2.17	87.914	136.02	61,051
2.18	88.563	137.03	61,502
2.19	89.214	138.03	61,954
2.20	89.866	139.04	62,407
2.21	90.521	140.06	62,862
2.22	91.177	141.07	63,317
2.23	91.835	142.09	63,774
2.24	92.495	143.11	64,233
2.25	93.157	144.13	64,692
2.26	93.820	145.16	65,153
2.27	94.485	146.19	65,615
2.28	95.152	147.22	66,078
2.29	95.820	148.26	66,542
2.30	96.491	149.29	67,007

2.31	97.163	150.33	67,474
2.32	97.837	151.38	67,942
2.33	98.512	152.42	68,411
2.34	99.190	153.47	68,882
2.35	99.869	154.52	69,353
2.36	100.550	155.57	69,826
2.37	101.232	156.63	70,300
2.38	101.916	157.69	70,775
2.39	102.602	158.75	71,252
2.40	103.290	159.81	71,729
2.41	103.980	160.88	72,208
2.42	104.671	161.95	72,688
2.43	105.364	163.02	73,169
2.44	106.058	164.10	73,652
2.45	106.755	165.17	74,135
2.46	107.453	166.25	74,620
2.47	108.152	167.34	75,106
2.48	108.854	168.42	75,593
2.49	109.557	169.51	76,081
2.50	110.262	170.60	76,571
2.51	110.968	171.69	77,061
2.52	111.677	172.79	77,553
2.53	112.386	173.89	78,046
2.54	113.098	174.99	78,540
2.55	113.811	176.09	79,036
2.56	114.526	177.20	79,532
2.57	115.243	178.31	80,030
2.58	115.961	179.42	80,529
2.59	116.681	180.53	81,029
2.60	117.403	181.65	81,530
2.61	118.126	182.77	82,032
2.62	118.851	183.89	82,535
2.63	119.578	185.01	83,040
2.64	120.306	186.14	83,546
2.65	121.036	187.27	84,053
2.66	121.768	188.40	84,561
2.67	122.501	189.54	85,070
2.68	123.236	190.67	85,580
2.69	123.972	191.81	86,092
2.70	124.711	192.96	86,605



Flow Chart for 120" Parshall Flume

2.71	125.450	194.10	87,118
2.72	126.192	195.25	87,633
2.73	126.935	196.40	88,149
2.74	127.680	197.55	88,666
2.75	128.426	198.70	89,185
2.76	129.174	199.86	89,704
2.77	129.924	201.02	90,225
2.78	130.675	202.18	90,747
2.79	131.428	203.35	91,269
2.80	132.183	204.52	91,793
2.81	132.939	205.69	92,318
2.82	133.696	206.86	92,845
2.83	134.456	208.03	93,372
2.84	135.217	209.21	93,900
2.85	135.979	210.39	94,430
2.86	136.744	211.57	94,961
2.87	137.509	212.76	95,493
2.88	138.277	213.95	96,025
2.89	139.046	215.14	96,560
2.90	139.816	216.33	97,095
2.91	140.589	217.52	97,631
2.92	141.362	218.72	98,168
2.93	142.138	219.92	98,707
2.94	142.915	221.12	99,246
2.95	143.693	222.33	99,787
2.96	144.473	223.53	100,329
2.97	145.255	224.74	100,872
2.98	146.038	225.95	101,416
2.99	146.823	227.17	101,961
3.00	147.610	228.39	102,507
3.01	148.398	229.61	103,054
3.02	149.187	230.83	103,602
3.03	149.979	232.05	104,152
3.04	150.771	233.28	104,702
3.05	151.566	234.51	105,254
3.06	152.362	235.74	105,807
3.07	153.159	236.97	106,360
3.08	153.958	238.21	106,915
3.09	154.759	239.45	107,471
3.10	155.56	240.69	108,028

3.11	156.36	241.93	108,586
3.12	157.17	243.18	109,146
3.13	157.98	244.43	109,706
3.14	158.78	245.68	110,267
3.15	159.59	246.93	110,830
3.16	160.41	248.18	111,393
3.17	161.22	249.44	111,958
3.18	162.03	250.70	112,523
3.19	162.85	251.97	113,090
3.20	163.67	253.23	113,658
3.21	164.49	254.50	114,226
3.22	165.31	255.77	114,796
3.23	166.13	257.04	115,367
3.24	166.95	258.31	115,939
3.25	167.78	259.59	116,512
3.26	168.60	260.87	117,086
3.27	169.43	262.15	117,662
3.28	170.26	263.44	118,238
3.29	171.09	264.72	118,815
3.30	171.93	266.01	119,394
3.31	172.76	267.30	119,973
3.32	173.60	268.59	120,553
3.33	174.43	269.89	121,135
3.34	175.27	271.19	121,717
3.35	176.11	272.49	122,301
3.36	176.96	273.79	122,886
3.37	177.80	275.10	123,471
3.38	178.64	276.40	124,058
3.39	179.49	277.71	124,646
3.40	180.34	279.02	125,235
3.41	181.19	280.34	125,825
3.42	182.04	281.66	126,416
3.43	182.89	282.97	127,007
3.44	183.74	284.29	127,600
3.45	184.60	285.62	128,194
3.46	185.46	286.94	128,789
3.47	186.32	288.27	129,386
3.48	187.18	289.60	129,983
3.49	188.04	290.94	130,581
3.50	188.90	292.27	131,180